

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	219	("20010031621"   "20010046205"   "20020018310"   "20020018453"   "20020041632"   "20020044591"   "20020057659"   "20020080735"   "20020085620"   "20020085641"   "20020098872"   "20020105928"   "20020115473"   "20020122381"   "20020122393"   "20020147953"   "20020154705"   "20020181390"   "20020183010"   "20020193146"   "20020196842"   "20030002450"   "20030048856"   "20030078024"   "20030095197"   "20030099306"   "20030112745"   "20030119452"   "20030123389"   "20030125040"   "20030139194"   "20030139196"   "20030153360"   "20030157954"   "20030162519"   "20030202492"   "20030202612"   "20030206558"   "20030235149"   "20030235255"   "20040037257"   "20040042556"   "20040047292"   "20040082356"   "20040085939"   "20040087324"   "20040156328"   "20040176097"   "20040179627"	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:42

"20040198276"	
"20050047384"	
"20050111599"	
"20050120097"	
"20050128953"	
"20050208959"	
"20060077935"	
"20060104196"	
"20060183497"	
"20070177681"	
"20080285670"	"4750198"
"5241544"	"5295159"
"5404355"	"5471647"
"5506861"	"5509003"
"5606729"	"5638369"
"5677909"	"5729542"
"5797879"	"5867478"
"5867539"	"5886988"
"5959965"	"5982327"
"6049548"	"6084915"
"6131016"	"6141388"
"6141567"	"6144711"
"6167031"	"6178196"
"6232918"	"6266528"
"6278726"	"6292917"
"6298035"	"6298092"
"6308080"	"6314113"
"6314289"	"6330293"
"6330462"	"6333953"
"6339399"	"6346910"
"6348036"	"6363267"
"6377812"	"6385264"
"6452981"	"6473467"
"6532225"	"6532255"
"6532562"	"6574211"
"6574271"	"6594473"
"6594798"	"6608874"
"6611231"	"6615024"
"6636568"	"6654590"
"6654613"	"6668161"
"6683916"	"6690660"
"6693992"	"6697346"
"6731668"	"6735188"
"6738020"	"6751187"
"6751444"	"6751480"
"6760313"	"6760388"
"6760882"	"6771706"
"6785341"	"6788948"
"6792041"	"6795424"
"6801790"	"6847828"
"6859503"	"6862271"
"6868079"	"6873651"
"6879578"	"6879579"
"6885708"	"6888809"
"6888899"	"6920192"
"6920194"	"6940917"
"6950632"	"6952426"

		"6956813"   "6956906"   "6963742"   "6965762"   "6980800"   "6985434"   "6996380"   "7006464"   "7020110"   "7020490"   "7023826"   "7031671"   "7035359"   "7062294"   "7072381"   "7072410"   "7072413"   "7088671"   "7095709"   "7099377"   "7103325"   "7110378"   "7110463"   "7113499"   "7116652"   "7120199"   "7133459"   "7149239"   "7149254"   "7155171"   "7158563"   "7164669"   "7187646"   "7190749"   "7197084"   "7200404"   "7206354"   "7224704"   "7231184"   "7238508"   "7242727"   "7248638"   "7248841"   "7254171"   "7260153"   "7260366"   "7263119"   "7280625"   "7283508"   "7289570"   "7292854"   "7298778"   "7308035"   "7327800"   "7342912"   "7386076"   "7392014"   "7403748"   "7421039"   "7453844"   "7480278"   "7548506"   "7551546"   "7551580"   "7573805"   "7606296").PN.				
L4	86	I1 and MIMO	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/15 08:43
L3	24	I1 and MIMO and steer\$4 with (vector or eigen\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/15 08:43
L2	24	I1 and MIMO and spatial multiplex\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/15 08:43
L9	26	spatial multiplex\$ with (steer\$ or vector) and (L5 or L6 or L7 or L8 or qualcomm.as.)	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:46

L8	323	((STEVEN) near2 (HOWARD)). INV.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:46
L7	267	((MARK) near2 (WALLACE)). INV.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:46
L6	162	((JOHN) near2 (KETCHUM)). INV.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:46
L5	179	((J) near2 (WALTON)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:46
L10	18	I3 not I9	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:47
L17	15	spatial with (multiplex\$) same (steer\$ or vector or beamform \$4) same MIMO and 370/208- 210.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:50
L18	52	spatial with (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4) same MIMO and 370/328,334,337- 338.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:51
L19	47	MIMo same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 375/345,347-348.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 08:56
L20	41	MIMo same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 370/328,334,337-338.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 09:12
L21	35	MIMo same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 370/208-210.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 09:13

L23	200	MIMo same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 375/260-267.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/07/15 09:14
L22	152	370/328,334,337,338.ccls. and MIMO.bsum. and spatial with multiplex\$	US-PGPUB; USPAT	ADJ	ON	2010/07/15 09:14
L25	18	spatial with (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4) same MIMO and 375/260-267.ccls. and @AD<="20031023"	US-PGPUB; USPAT	ADJ	ON	2010/07/15 09:15
L24	29	MIMo same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 375/260-267.ccls. and @AD<="20031023"	US-PGPUB; USPAT	ADJ	ON	2010/07/15 09:15

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	48	spatial near2 (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4 or eigen\$4) same (MIMO ) and @AD<="20031023"	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/07/15 08:48
L12	63	spatial near2 (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4 or eigen\$4) same (MIMO or OFDM) and @AD<="20031023"	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/07/15 08:48
L11	15	spatial (multiplex\$) same (steer\$ or vector or beamform\$4 or eigen\$) same MIMO and @AD<="20031023"	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/07/15 08:48

L15	19	spatial (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO same (cod\$3 or modulat\$) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/07/15 08:49
L14	12	spatial near2 (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO and @AD<="20031023"	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/07/15 08:49
L16	26	spatial with (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO same (cod\$3 or modulat\$) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/07/15 08:50

**7/ 15/ 2010 9:29:09 AM**

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